

# **Work Plan 2014 Transportation Bond**

**City Council Work Session  
February 2, 2015**

# Discussion Topics

- Project Status
- 5 Year Improvement Plan
- Transportation Bond Projects
- Criteria for Prioritization
- Project Management
- Project Resources
- Questions

# Project Status



## 5 Year Improvement Projects:

- Planning - 4
- Design – 29
- Bid - 1
- Construction – 11
- Future – 9
- Total = 54



## Transportation Bond:

- Projects – 38
- Grand Total - 92

# 5 Year Improvement Plan

## Street Rehabilitation

Total \$ 21,000,000 FY13 – FY17

- December 2014 was the ½ way point of the 80/20 5 Year Improvement Plan
- Completed Lane Mileage
  - FY 12/13 – 8.2
  - FY 13/14 – 22.2
  - FY 14/15 – estimated 31.88
- By FY17 estimate 62 Lane Miles or 8% of 800 Lanes Miles in the City

# 5 Year Improvement Plan

## Sidewalk Improvements

Total \$ 750,000 FY 13 – FY 17

- Closing Sidewalk Gaps
  - Completed 6 projects or 1,445 linear feet of sidewalk
- Sidewalk Rehabilitation
  - Completed: \$513,144
  - Under Construction: \$235,000



# 5 Year Improvement Plan

## Pedestrian Improvements

Total \$ 1,350,000 FY 13 – FY 17

- Under Design:
  - Heide Trask Drawbridge, Park Ave MUP Phase I & II, 13<sup>th</sup> Street, Castle/ Front Street Crossing
    - City Contribution \$459,650
    - Outside Funding \$1,648,550
    - Total \$2,108,200



# 5 Year Improvement Plan

## Stabilization Improvements

Total \$ 4,827,184 FY 13 – FY 17

- **Completed**

- Market Street H-Piles
- Riverwalk Pocket park Stabilization
- Church Street Shoreline Stabilization

- **Bid**

- Market Street Bulkhead

- **Design**

- Riverwalk Brooks / Water Street Stabilization
- Coastline Inn Bulkhead Stabilization

- **Future**

- Dramtree Shoreline Stabilization
- Conlon Pier Repairs



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2014 Transportation Bond



# Criteria for Prioritization

- Leveraging Outside Funding (Pedestrian and Greenway Projects)
- Low Hanging Fruit (Sidewalks)
- Coordination with other Agencies (92%)
  - NCDOT (Carolina Beach Road Streetscape) (70%)
  - CFPUA (N. Front Street Project)
  - Stormwater (Racine Dr. at New Centre Turn Lane)
  - 5 Year Improvement Projects (Pine Grove Roundabout)
- Projects with Longer Duration
  - Design, Environmental or Permitting (Love Grove)
- Timing in Project Areas (N. Front Street Project, Schools)
- Grouping Projects Together



# Proposed Project Timing

- 2015
  - Love Grove Access
  - Dawson & Wooster Street Improvements
  - 8<sup>th</sup> Dawson & 8<sup>th</sup> Wooster Crosswalks
  - Central College Trail
  - McCelland, Fairlawn, Clover, Gleason Sidewalk Projects
  - Dawson Street (Oleander to Wrightsville Sidewalk Project)
- 2016
  - Masonboro Loop Trail
  - 23<sup>rd</sup> Street (Princess Place to Belvedere Sidewalk Project)
  - Five Crosswalk Projects
  - Kerr Ave Trail (Randall Parkway to College)

# Proposed Project Timing

- 2017

- Oleander Sidewalk (Hawthorne to 42<sup>nd</sup> Street)
- Oleander Sidewalk (Wooster to Mimosa)
- Oleander Sidewalk (Pine Grove to College)
- Hurst Road Extension
- 17<sup>th</sup> Street Sidewalk Project (Greenfield to Wooster)

- 2018

- Wrightsville Sidewalk (Castle to Independence)
- Wrightsville Sidewalk (College to Hawthorne)
- Wrightsville Sidewalk (44<sup>th</sup> to Independence)
- Wrightsville & Wallace

# Proposed Project Timing

- 2019
    - Pine Grove at McMillian Intersection Improvements
    - Pine Grove and Oleander Realignment
    - Oleander Sidewalk (Pine Grove to College)
    - Delaney Sidewalk Project (Wellington to Glen Meade)
  - 2020
    - Carolina Beach Rd Streetscape
    - N. Front Street Streetscape
    - Racine at New Centre Turn Lane
    - Greenville Loop Trail
- Eastwood Road Access Management

# Proposed Project Timing

- Public Transportation
  - Bus Shelters
  - Benches and Amenities
  - Multimodal Transportation Center

# Project Management

- Design Phase
  - Hiring Consultants
    - RFQ
    - On Call
  - Design Meetings
  - Public Engagement
  - Design Changes Base on Public Input
  - Permitting
  - Utility Coordination
  - Easement Acquisition
- Bidding Phase

# Project Management

- Construction Phase
  - Public Outreach
  - Weekly Site Visits
  - Monthly Construction Meetings
  - Coordination with Other Utilities
  - Inspections (FHWA Requires More Documentations)
  - Field Engineering (Unforeseen Issues)
  - Change Orders
  - Pay Applications
- Project Closeout
  - Audit

# Project Resources

- Programming Based on 5 to 7 Year Project Completion
  - Project Management
    - Restructure & Reorganize Engineering to Dedicate Resources to Bond Projects
    - Two Construction Managers
    - Surveying
  - Project Inspections
    - # Based on Construction Timing
    - FHWA Requires an Inspector on Site at all Times
    - Contract with NCDOT for Inspectors
  - Support Resources
    - Public Engagement
    - Debt Management, Bidding, Grant Management
    - Office Space, Equipment



# QUESTION?



## New Sidewalks

A **2014** Transportation  
Bond Project

Thank you Wilmington!